



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named  
Inventor : Dnyanesh Talpade

Appln. No.: 10/008,380

Filed : November 13, 2001

For : IMPEDANCE-MATCHING APPARATUS  
AND CONSTRUCTION FOR  
INTRAVASCULAR DEVICE

Docket No.: S13.12-116

Group Art Unit: 3737

Examiner: William C.  
Jung

**RESPONSE**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I HEREBY CERTIFY THAT THIS PAPER IS BEING  
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ALEXANDRIA, VA 22313-1450, THIS

14<sup>th</sup> DAY OF December, 2004  
Christopher Z. Holt  
PATENT ATTORNEY

Sir:

This is in response to the Office Action mailed on October 5, 2004. Claims 1-38 were pending in that action and all claims were rejected. With this response, all claims remain unchanged.

**A. The First Rejection**

On page 2 of the Office Action, the Examiner rejected claims 1-10, 13-16, 18-22, 24-28 and 29-38 under 35 U.S.C. §102(e) as being anticipated by U.S. Patent No. 6,675,033 to Lardo et al. (hereinafter referred to as "the Lardo reference").

**1. Claims 1,2 and 7-9**

In rejecting claims 1, 2 and 7-9, the Examiner pointed to the Lardo reference specifically at column 4, lines 10-40; column 6, lines 5-23; and column 6, lines 50-60. It is respectfully submitted that neither the cited passages nor any other portion of the Lardo reference teach or suggest the elements of these rejected claims.

The Lardo reference does disclose an antenna assembly comprising a probe shaft including a core, a first